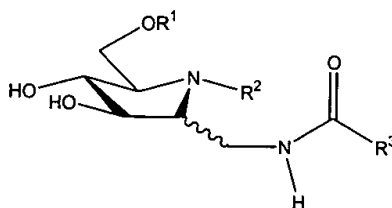


20. (once amended) An inhibitor according to claim [9] 34 where R⁴ is methyl.

23. (once amended) A process for treating a subject having arthritis comprising the step of administering an inhibitor selected from claims [1, 11, and 21] 24, 27, 30, and 33 to said subject of sufficient quantity for inhibiting hexoaminidase activity within said [patient] subject.

Please enter new claims 24- 34 as follows:

24. (new) An inhibitor of hexoaminidase or glycosidase represented by the following structure:

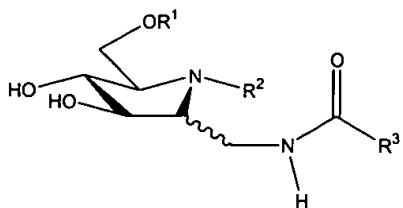


wherein R¹ is a sulfate group; R² is hydrogen, methyl, ethyl or any branched or unbranched hydrocarbon of between 3 and 8 carbon atoms; R³ is a hydrocarbon group that has between 1 and 20 carbon atoms.

25. (new) An inhibitor according to claim 24 wherein R³ is a hydrocarbon group possessing between 1 and 8 carbon atoms.

26. (new) An inhibitor according to claim 25 wherein R³ is methyl.

27. An inhibitor of hexoaminidase or glycosidase represented by the following structure:

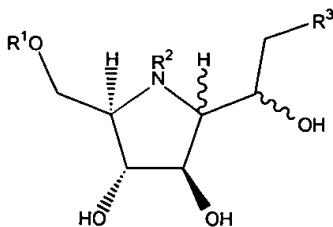


wherein R¹ is a methyl sulfate group; R² is selected from the group consisting of hydrogen, methyl, ethyl, and a branched or unbranched hydrocarbon of between 3 and 8 carbon atoms; R³ is a hydrocarbon having between 1 and 20 carbon atoms.

28. (new) An inhibitor according to claim 27 wherein R³ is a hydrocarbon having between 1 and 8 carbon atoms.

29. (new) An inhibitor according to claim 28 wherein R³ is methyl.

30. (new) An inhibitor of hexoaminidase or glycosidase represented by the following structure:

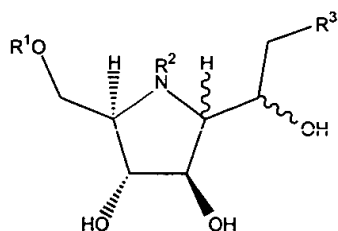


wherein R¹ is sulfate; and R⁴ is a hydrocarbon having between 1 and 20 carbon atoms.

31. (new) An inhibitor according to claim 30 wherein R^4 is a hydrocarbon having between 1 and 8 carbon atoms.

32. (new) An inhibitor according to claim 31 wherein R^4 is methyl.

33. (new) An inhibitor of hexoaminidase or glycosidase represented by the following structure:



wherein R^1 is methyl sulfate; and R^4 is a hydrocarbon having between 1 and 20 carbon atoms.

34. (new) An inhibitor according to claim 33 wherein R^4 is a hydrocarbon having between 1 and 8 carbon atoms.